

Title (en)  
CORNER CONNECTION BRACKET FOR SOLAR ENERGY PANELS

Title (de)  
ECKVERBINDUNGSKLAMMER FÜR SONNENENERGIEPLATTEN

Title (fr)  
SUPPORT DE CONNEXION D'ANGLE POUR PANNEAUX À ÉNERGIE SOLAIRE

Publication  
**EP 3080526 A4 20170621 (EN)**

Application  
**EP 15740408 A 20150122**

Priority  
• US 201461930420 P 20140122  
• US 201514602045 A 20150121  
• US 2015012526 W 20150122

Abstract (en)  
[origin: US2015204583A1] Solar panel connection assemblies for mounting solar energy panels to buildings as well as for affixing multiple solar energy panels together. Solar panel corner connection assemblies including a bracket that can be fastened to the corner edge of solar panel frames. Solar panel corner connection assemblies including flanges extending from the corner of a bracket for connecting with a neighboring flange on a neighboring bracket.

IPC 8 full level  
**F24J 2/46** (2006.01); **B23P 15/26** (2006.01)

CPC (source: EP US)  
**F24S 25/10** (2018.04 - US); **F24S 25/67** (2018.04 - EP US); **F24S 2030/16** (2018.04 - EP US); **Y02B 10/10** (2013.01 - EP); **Y02B 10/20** (2013.01 - EP US); **Y02E 10/47** (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP); **Y10T 403/75** (2015.01 - EP US)

Citation (search report)  
• [X] EP 0200050 A1 19861105 - SIEMENS AG [DE]  
• [X] DE 3611542 A1 19871008 - REMSCHEID VOLKSBANK [DE]  
• [X] US 8266847 B2 20120918 - EDGAR ROSS ALLAN [AU]  
• [A] EP 2590225 A1 20130508 - GETAC TECHNOLOGY CORP [TW]  
• See references of WO 2015112761A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 10024580 B2 20180717**; **US 2015204583 A1 20150723**; CN 105917177 A 20160831; EP 3080526 A1 20161019; EP 3080526 A4 20170621; JP 2017508431 A 20170323; JP 6668248 B2 20200318; WO 2015112761 A1 20150730

DOCDB simple family (application)  
**US 201514602045 A 20150121**; CN 201580005062 A 20150122; EP 15740408 A 20150122; JP 2016548136 A 20150122; US 2015012526 W 20150122